

As an inventor named below or on any attached continuation page, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled A CONTROLLABLE OVONIC PHASE-CHANGE SEMICONDUCTOR MEMORY DEVICE AND METHODS OF FABRICATING THE SAME, the specification of which (check one):

- is attached hereto.
 was filed on October 23, 1997 as United States application serial no. 08/956,594 and was amended on _____.
 was filed on _____ as PCT international application no. _____ and was amended under PCT Article 19 on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and on any attached continuation page and have also identified below and on any attached continuation page any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America having a filing date before that of the application(s) on which priority is claimed.

Prior foreign/PCT application(s):

			Priority Claimed	
(number)	(country)	(day/month/year filed)	Yes	No
(number)	(country)	(day/month/year filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or § 365(c) of PCT international application(s) designating the United States of America listed below and on any attached continuation page and, insofar as the subject matter of each of the claims of this application is not disclosed in any such prior application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of such prior application and the national or PCT international filing date of this application:

(application serial no.)	(filing date)	(status - pending, patented or abandoned)
(application serial no.)	(filing date)	(status - pending, patented or abandoned)
(provisional application no.)	(filing date)	
(provisional application no.)	(filing date)	
(provisional application no.)	(filing date)	

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

(provisional application no.)	(filing date)
(provisional application no.)	(filing date)
(provisional application no.)	(filing date)

I hereby appoint the following Registered Practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

David V. Trask, Reg. No. 22,012
 Laurence B. Bond, Reg. No. 30,549
 Allen C. Turner, Reg. No. 33,041
 Keith L. Hargrove, Reg. No. 34,836
 Edgar R. Cataxinos, Reg. No. 39,931

William S. Britt, Reg. No. 20,969
 Joseph A. Walkowski, Reg. No. 28,765
 Kent S. Birmingham, Reg. No. 30,453
 Robert G. Winkle, Reg. No. 37,474
 Brick G. Power, Reg. No. 38,581

Thomas J. Ross, Reg. No. 26,799
 James R. Duzan, Reg. No. 28,393
 Julie K. Morris, Reg. No. 33,263
 Patrick McBride, Reg. No. 39,295
 Kenneth E. Horton, Reg. No. 39,481

Address all correspondence to:

Joseph A. Walkowski, telephone no. (801) 532-1922.
TRASK, BRITT & ROSSA
 P.O. BOX 2550
 Salt Lake City, Utah 84110

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: Trung T. Doan

Inventor's signature 

Residence: 1574 Shenandoah Drive, Boise, Idaho 83706

Citizenship: U.S.A.

Post Office Address: Same as residence

Date

3/10/98

Invention title: A CONTROLLABLE OVONIC PHASE-CHANGE SEMICONDUCTOR MEMORY DEVICE AND METHODS OF FABRICATING THE SAME

Inventor name(s) appearing on first declaration page: Trung T. Doan

Additional original, first and joint inventor(s):

Full name of second joint inventor: D. Mark Duncan

Inventor's signature



Date

3/11/98

Residence: 4850 Boise River Lane, Boise, Idaho 83706

Citizenship: U.S.A.

Post Office Address: Same as residence

Full name of third joint inventor: Brent D. Olson

Inventor's signature



Date

3-10-98

Residence: 7000 McMullen, Boise, Idaho 83709

Citizenship: U.S.A.

Post Office Address: Same as residence

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Doan et al.

Serial No.: 10/191,222

Filed: July 9, 2002

For: A METHOD TO CREATE A
CONTROALABLE OVANIC PHASE-
CHANGE SEMICONDUCTOR MEMORY
DEVICE AND METHODS OF
FABRICATING THE SAME

Confirmation No.: 8407

Examiner:

Group Art Unit: 2824

Attorney Docket No.: 2269-3414.5US

ASSOCIATE POWER OF ATTORNEY

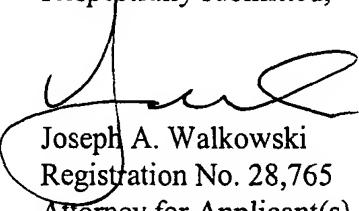
Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. § 1.34(b), please recognize the following individual as an associate agent/attorney herein in connection with the above-identified patent application, and with all continuing and divisional applications hereof:

Krista Weber Powell, Reg. No. 47,867

Respectfully submitted,


Joseph A. Walkowski

Registration No. 28,765

Attorney for Applicant(s)

TRASKBRITT

P.O. Box 2550

Salt Lake City, Utah 84110-2550

Telephone: 801-532-1922

Date: January 14, 2003

JAW/ljb

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

January 14, 2003
Date


Signature

Leah J. Barrow
Name (Type/Print)